



Course Outline

Management, Information and Supply Chain
School of Business & Economics
MNGT 4730 - **3.00** - Academic
Business Project Management 1

Rationale

Update CurricUNET to reflect standard course outlines established by the School.

Calendar Description

Students are introduced to the concepts and frameworks of business project management. Topics include an introduction to project management, project life-cycle management, project feasibility, project selection, project scope management, project scheduling, project costing, and project leadership and managing project teams.

Credits/Hours

Course Has Variable Hours: No

Credits: 3.00

Lecture Hours: 3.00

Seminar Hours: 0

Lab Hours: 0

Other Hours: 0

Clarify:

Total Hours: 3.00

Delivery Methods: (Face to Face)

Impact on Courses/Programs/Departments: No change

Repeat Types: A - Once for credit (default)

Grading Methods: (S - Academic, Career Tech, UPrep)

Educational Objectives/Outcomes

1. Define a project and project management practice.
2. Explain different phases of the project life cycle.
3. Conduct a project feasibility study.
4. Apply various project selection tools and methodologies.
5. Prepare the project work break-down structure.
6. Develop a project schedule using CPM and PERT techniques.
7. Carry out project expediting by crashing the project activities.

8. Explain various project leadership styles and team motivation strategies.

Prerequisites

ACCT 2250

ECON 2330-Economics and Business Statistics 2 or
equivalent

MNGT 3730

Co-Requisites

Recommended Requisites

Exclusion Requisites

MNGT 4751-Project Management

BBUS 4681

Texts/Materials

Textbooks

1. **Required** Burke. *Project Management: Planning and Control Techniques*, 3rd ed. Wiley.

Student Evaluation

The Course grade is based on the following course evaluations.

Midterm(s) 30% (0.00%) Quizzes, assignments, case studies 25% (0.00%) Final exam 45% (0.00%)

Course Topics

1. Introduction to Project Management

- Definition of project
 - Definition of project management
 - Role of project manager
 - Benefits of project management
 - Project management software
- Historical developments in project management

2. Project Life Cycle Management

- Phases of project life cycle
 - Project concept
 - Project design
 - Project implementation
- Project commissioning
 - Facility life cycle: project life cycle and operational life cycle
 - Project maintenance
 - Project upgrade

Project disposal

3. Project Feasibility

- Project stakeholder analysis
- Assessing client needs
- Managing project constraints
- Project options
- Value management

4. Project Selection

- Project selection models
 - Payback period model
 - Return on investment model
 - Net present value model
 - Discounted cash flow yield model
 - Project life-cycle cash flows
 - Factor rating model

Break-even analysis on projects

5. Project Scope Management

- Project scope planning
- Work break-down structure (WBS)
- Levels in WBS
- Responsibility charts
- Organization business structure

6. Project Scheduling

- Preparing project schedules using deterministic approach
 - Critical path method
- Preparing project schedules using probabilistic approach
 - Project evaluation and review technique
- Assessing project completion chances
- Preparing project Gantt Charts

7. Project Costing

- Direct and indirect costs
- Time related costs
- Labour costs
- Procurement costs
- Project activity-based costing
- Project expediting using project crashing

8. Project Leadership and Managing Project Teams

Project team structure

-
- Benefits of team structure
- Project leadership styles
 - Autocratic
 - Consultative
 - Democratic
- Laissez-Faire
- Action-centred leadership
- Maslow's theory of motivation through hierarchy of needs
- Herzberg's motivation and hygiene factors
- Conflict resolution in projects

Methods for Prior Learning Assessment and Recognition

As per TRU Policy

Last Action Taken

Implement by Submission Preview Subcommittee Chair Peggy McKimmon

Current Date: 30-Oct-20